PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-00275 **Friday March 4, 2005**

POLICY BRANCH INFORMATION

Satellite Space Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-LOA-20050214-00038 E S2663 SkyTerra Communications, Inc.

Date Filed: 02/14/2005 18:59:00:00000

Launch and Operating Authority

SkyTerra Communications, Inc. (SkyTerra) has filed an application for authority to construct, launch and operate two geostationary orbit (GSO) satellites in the Fixed-Satellite Service (FSS) using the Ka-band frequencies. See also File No. SAT-LOA-20050216-00040. SkyTerra requests authority to use the 29250 - 30000, 28350 - 28600, 19700 - 20200, 18300 - 18800, 6424.25 - 6424.75, 5926.25 - 5926.75, 4198.75 - 4199.25, and 3700.75 - 3701.25 MHz frequency bands at the 95° W.L. orbital slot.

SkyTerra requests authority to launch and operate two GSO FSS satellites - "SkyTerra 1 and SkyTerra 2" - collocated at 95° W.L. SkyTerra indicates that both satellites will incorporate a multi-beam payload architecture that provides three distinct coverage patterns across the continental United States (CONUS), including full CONUS coverage, regional coverage using multiple contiguous spot beams and market-specific spot beams for targeted service delivery. The proposed space system will utilize the GSO portion of the Ka-band spectrum in each direction, including the 18.3-18.8 GHz and 19.7-20.2 GHz bands from space-to-Earth and the 28.35-28.6 GHz and 29.25-30 GHz bands from Earth-to-space.

Each satellite will have four CONUS transponder consisting of 46.25 MHz using 185 MHz of the assigned Ka-band spectrum in the forward direction only. The two CONUS beams will utilize right- and left-hand (RHCP/LHCP) circular polarization respectively to provide two overlapping CONUS beams across the service area. SkyTerra plans to offer direct-to-home video and audio services, two-way narrowband and broadband services and transport of programming to SkyTerra uplink centers and remote gateways.

SAT-LOA-20050216-00040 E S2664 SkyTerra Communications, Inc.

Date Filed: 02/16/2005 17:33:47:48000

Launch and Operating Authority

SkyTerra Communications, Inc. (SkyTerra) has filed an application for authority to construct, launch and operate two geostationary orbit (GSO) satellites in the Fixed-Satellite Service (FSS) using the Ka-band frequencies. See also File No. SAT-LOA-20050214-00038. SkyTerra requests authority to use the 29250 - 30000, 28350 - 28600, 19700 - 20200, 18300 - 18800, 6424.25 - 6424.75, 5926.25 - 5926.75, 4198.75 - 4199.25, and 3700.75 - 3701.25 MHz frequency bands at the 95° W.L. orbital slot.

SAT-LOA-20050216-00040 cont.

SkyTerra requests authority to launch and operate two GSO FSS satellites - "SkyTerra 1 and SkyTerra 2" - collocated at 95° W.L. SkyTerra indicates that both satellites will incorporate a multi-beam payload architecture that provides three distinct coverage patterns across the continental United States (CONUS), including full CONUS coverage, regional coverage using multiple contiguous spot beams and market-specific spot beams for targeted service delivery. The proposed space system will utilize the GSO portion of the Ka-band spectrum in each direction, including the 18.3-18.8 GHz and 19.7-20.2 GHz bands from space-to-Earth and the 28.35-28.6 GHz and 29.25-30 GHz bands from Earth-to-space.

Each satellite will have four CONUS transponder consisting of 46.25 MHz using 185 MHz of the assigned Ka-band spectrum in the forward direction only. The two CONUS beams will utilize right- and left-hand (RHCP/LHCP) circular polarization respectively to provide two overlapping CONUS beams across the service area. SkyTerra plans to offer direct-to-home video and audio services, two-way narrowband and broadband services and transport of programming to SkyTerra uplink centers and remote gateways.

SAT-MOD-20050204-00025 E KS-35 Intelsat LLC

Date Filed: 02/04/2005 16:30:37:66600

Modification

Intelsat LLC's (Intelsat) seeks authority to operate the MARISAT satellite in the UHF Narrowband Channel A (307.75 MHz Center Frequency (uplink) and 254.15 MHz Center Frequency (downlink)) and the UHF Narrowband Channel B (311.15 MHz Center Frequency (uplink) and 257.55 MHz Center Frequency (downlink)) (UHF bands) on a non-interference basis in support of NATO operations. Intelsat's application notes that any authorization would be conditioned upon the concurrence of National Telecommunications and Information Administration in the use of UHF bands. Further, because the UHF band is not allocated for commercial service in the United States, Intelsat requests a waiver to the extent necessary of 47 C.F.R. § 2.106 (Table of Frequency Allocations). Intelsat also seeks a partial waiver of the information requirements of Schedule S. Specifically, Intelsat has not provided modulation and emission data because such information cannot be determined until the North Atlantic Treaty Organization has tested the UHF channels in the NATO operating environment. Intelsat also seeks a waiver of those portions of Schedule S for which it is technically infeasible for Intelsat to provide the required information. In particular, due to the wide UHF beam-width, the required 2 dB antenna beam contour would be well off of the Earth. Intelsat instead provides a contour at 0.8 dB, in .gxt format, in response to Section S8f.

SAT-STA-20050203-00018 E S2658 EchoStar Satellite L.L.C.

Date Filed: 02/03/2005 19:22:43:51000

Special Temporary Authority

EchoStar Satellite L.L.C. has filed a request for special temporary authority (STA) to (a) move the EchoStar 5 satellite from its current orbital position at 119° W.L. to 129° W.L.; and (b) perform telemetry, tracking and command (TT&C) operations in order to relocate EchoStar 5 to this new orbital location where it will operate as a Canadian satellite licensed to Ciel Satellite Communications, Inc. (Ciel). In order to allow for sufficient time to drift and test the satellite at the 129° W.L. orbital location before operations are to begin at that location, the authority requested is needed no later than June 25, 2005. EchoStar requests temporary authority for a period of 60 days.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 202-418-2555.